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**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)

30545.11

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 6,196,311, granted March 6, 2001, and for which a

reissue patent is sought on the invention entitled UNIVERSAL CEMENTING PLUG

the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ / \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Patentee erred in not presenting claims during the prosecution of the patent which were directed to a cementing plug for use in a cementing casing in a well, the plug comprising a body member defining a central opening therethrough and having a longitudinal axis; and an elastomeric jacket disposed around the body member and comprising a first conical portion extending radially outwardly from the body member and at an acute angle with respect to the body member, and a second conical portion disposed adjacent the first conical portion and extending radially outwardly from the body member and at an acute angle with respect to the body member, the second conical portion overlapping the first conical portion in an axial direction so that the outer surfaces of the conical portions together extend continuously along the axial length of the body member, and deflect into substantially cylindrical, wiping engagement with an inner surface of the casing when the plug is disposed in the casing.

[Page 1 of 2]

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

30545.11

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Warren B. Kice (Reg. No. 22,732); David L. McCombs (Reg. No. 32,271); Michael J. Balconi-Lamica (Reg. No. 34,291); Jeffrey M. Becker (Reg. No. 35,442); J.R. Bell (Reg. No. 26,528); Daniel E. Burke (Reg. No. P-46,588); L. Howard Chen (Reg. No. P-46,615); Randall E. Colson (Reg. No. 40,566); Michael A. Davis, Jr. (Reg. No. 35,488); Ruben C. DeLeon (Reg. No. 37,812); Tim Hensley (Reg. No. 31,765); Brian J. Hubbard (Reg. No. 45,873); Rita M. Irani (Reg. No. 31,028); Christopher R. Kosh (Reg. No. 42,760); Todd Mattingly (Reg. No. 40,298); Bill R. Naifeh (Reg. No. 44,962); David M. O'Dell (Reg. No. 42,044); Constance M. Pioletch (Reg. No. P-46,994); Brandi W. Sarfatie (Reg. No. 37,743); and David O. Simmons (Reg. No. 43,124)

Correspondence Address: Direct all communications about the application to:



Customer Number

000027683

Type Customer Number here

Place Customer Number Bar  
Code Label here

<input checked="" type="checkbox"/> Firm or Individual Name	WARREN B. KICE				
Address	HAYNES AND BOONE, LLP				
Address	901 MAIN STREET, SUITE 3100				
City	DALLAS	State	TEXAS	Zip	75202-3789
Country	UNITED STATES OF AMERICA				
Telephone	214-651-5634	Fax	214-651-5940		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) HAROLD O. TREECE					
Inventor's signature		Date			
Residence 213 Ridgecrest Drive, Duncan, OK 73533		Citizenship USA			
Mailing Address same as above					
Full name of second joint inventor (given name, family name) ////////////////////////////////////					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
Full name of third joint inventor (given name, family name) ////////////////////////////////////					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					

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<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		<b>Docket Number (Optional)</b> 30545.11
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s) HAROLD O. TREECE		
Patent Number 6,196,311	Date Patent Issued MARCH 6, 2001	
Title of Invention UNIVERSAL CEMENTING PLUG		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are <u>HALLIBURTON ENERGY SERVICES, INC.</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) .....		
Signature	Date	
Typed or printed name and title of person signing for assignee (if assigned)		
Signature <u>Craig W. Roddy</u>		Date <u>9-21-2001</u>
Printed Name <u>CRAIG W. RODDY</u>		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

# ASSIGNMENT OF APPLICATION

Whereas, I, Harold O. Treece, of Duncan, Oklahoma U.S.A., hereinafter referred to as applicant, have invented certain new and useful improvements in UNIVERSAL CEMENTING PLUG

[ ] for which an application for a United States Patent was filed on \_\_\_\_\_,  
Application Number \_\_\_\_/\_\_\_\_\_.

[ X ] for which an application for a United States Patent was executed on October 20, 1998  
and

Whereas, Halliburton Energy Services, Inc. of Houston, Texas 77020 herein referred to "assignee" whose post office address is 4100 Clinton Drive, Houston, Texas 77020 is desirous of acquiring the entire, right, title, and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/WE, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and in all foreign countries and the entire, right, title and interest in any to any and all Patents which may be granted therefor in the United States and in all foreign countries, I hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent and all foreign counterparts to said assignee, of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

Executed this 20<sup>th</sup> day of October, 1998, at Duncan, Stephens County, Oklahoma U.S.A.

Harold O. Treece  
Signature

State of Oklahoma     )  
                                      ) ss  
County of Stephens    )

Before me personally appeared said Harold O. Treece and acknowledged the foregoing instrument to be his free act and deed this 20<sup>th</sup> day of October, 1998.

Seal

Sheila D. Gibbs  
(Notary Public)

09970432-100304

Docket No.:

PTO/SB/96(6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: HALLIBURTON ENERGY SERVICES, INC.

Application No./Patent No.: 6,196,311 Filed/Issue Date: March 6, 2001

Entitled: UNIVERSAL CEMENTING PLUG

HALLIBURTON ENERGY SERVICES, INC., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9536, Frame 0711, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

9-21-2001

Date

Craig W. Roddy

Signature

CRAIG W. RODDY

Typed or printed name

COUNSEL

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Customer No.

d631181.1

**ASSIGNMENT OF APPLICATION**

Whereas, I, Harold O. Treece, of Duncan, Oklahoma U.S.A., hereinafter referred to as applicant, have invented certain new and useful improvements in UNIVERSAL CEMENTING PLUG

[ ] for which an application for a United States Patent was filed on \_\_\_\_\_,  
Application Number \_\_\_\_/\_\_\_\_\_.

[ X ] for which an application for a United States Patent was executed on October 20, 1998  
and

Whereas, Halliburton Energy Services, Inc. of Houston, Texas 77020 herein referred to "assignee" whose post office address is 4100 Clinton Drive, Houston, Texas 77020 is desirous of acquiring the entire, right, title, and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/WE, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and in all foreign countries and the entire, right, title and interest in any to any and all Patents which may be granted therefor in the United States and in all foreign countries, I hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent and all foreign counterparts to said assignee, of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Patents may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

Executed this 20<sup>th</sup> day of October, 1998, at Duncan, Stephens County, Oklahoma U.S.A.

Harold O. Treece  
Signature

State of Oklahoma     )  
                                  ) ss  
County of Stephens    )

Before me personally appeared said Harold O. Treece and acknowledged the foregoing instrument to be his free act and deed this 20<sup>th</sup> day of October, 1998.

Seal

Sheila D. Sibley  
(Notary Public)

0970432 100301

10-30-1998

PATENT



100864025

RECORDATION FORM COVER SHEET  
PATENTS ONLY

JCS49 U.S. P. 08  
09/175664  
10/20/98

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

MRD  
10-20-98

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
10 20 98

Name (line 1) Harold O. Treece

Name (line 2)

Second Party

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Halliburton Energy Services, Inc.

Name (line 2)

Address (line 1) 4100 Clinton Drive

Address (line 2)

Address (line 3) Houston

City

Texas/U.S.

State/Country

77020

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

10/29/1998 DNGUYEN 00000222 080300 09175664

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number **580-251-3012**

Name **Craig W. Roddy**

Address (line 1) **Halliburton Energy Services**

Address (line 2) **P. O. Box 1431**

Address (line 3) **Duncan, Oklahoma 73536-0102**

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **3**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

	<b>09/175,664</b>				

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month **10** Day **20** Year **98**

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **one**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **08-0300**

Authorization to charge additional fees:

Yes ☒ No ☐

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

**Craig W. Roddy**

Name of Person Signing

*Craig W. Roddy*  
Signature

**October 20, 1998**

Date





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 17, 1999

PTAS

HALLIBURTON ENERGY SERVICES  
CRAIG W. RODDY  
P.O. BOX 1431  
DUNCAN, OKLAHOMA 73536-0102

RECEIVED

\*100864025A\*

FEB 25 1999

CRAIG W. RODDY

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/20/1998

REEL/FRAME: 9536/0711  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TREECE, HAROLD O.

DOC DATE: 10/20/1998

ASSIGNEE:

HALLIBURTON ENERGY SERVICES, INC.  
4100 CLINTON DRIVE  
HOUSTON, TEXAS 77020

SERIAL NUMBER: 09175664

FILING DATE: 10/20/1998

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER.  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS